

Zac Delventhal

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Full stack engineer with ten years of experience in web development and additional contributions to open source, mobile, games, and blockchain. Proven success as an individual contributor, tech lead, ambassador, and instructor.

Skills

- *Languages:* TypeScript, Python, Rust, Clojure, Go
- *Frontend:* React, React Native, Svelte, Angular, Om
- *Infrastructure:* AWS, GCP, Docker, Sovrin, Hyperledger
- *Tools:* Git, Bash, Cypress, Jest, OpenAPI
- *Backend:* Node, Express, SQL, GraphQL, Flask
- *Soft Skills:* Peer mentoring, speaking, documentation

Experience

- Federal Reserve Bank of Minneapolis* | Senior Software Engineer May 2022 – Present
Minneapolis, MN
Tech: TypeScript, React, Node, AWS, Cypress, Jest
– Responsible for validating migration of legacy SQL data to new DynamoDB based application
– Spearheaded adoption of high precision numbers beyond JavaScript's default 15 significant figures
– Drove type overhaul, speeding development by encoding complex domain logic directly in type definitions
- Prime Digital Academy* | Part-time Instructor Mar 2023 – Oct 2023
Minneapolis, MN
Tech: JavaScript, React, Node, Jest, SQL
- Cargill* | Senior Software Engineer Oct 2021 – May 2022
Minneapolis, MN
Tech: JavaScript, Svelte, GraphQL, Apollo, Node, AWS
– Addressed long-standing load issues, improving Largest Contentful Paint by 10x with custom pre-fetch routine
- Galvanize* | Lead Enterprise Instructor Dec 2020 – Aug 2021
Remote
Tech: JavaScript, Solidity, Sawtooth, Node, Mocha, Chai, Docker
- Unveil.Social* | Lead Developer Apr 2019 – Nov 2020
Minneapolis, MN
Tech: JavaScript, React Native, Redux, Redux Saga, GCP, Sovrin
– Led international team in development of unique peer-to-peer mobile dating app
- Best Buy* | Full Stack Developer IV May 2019 – Oct 2019
Richfield, MN
Tech: TypeScript, React Native Web, Node, Groovy, Redux, RxJava, Jest
– Coordinated dozens of APIs across Best Buy's heterogenous ecosystem in languages like Node, Groovy, and Swift
- Thrivent* | Application Engineer Aug 2018 – May 2019
Minneapolis, MN
Tech: TypeScript, Angular, Node, AWS, RxJS
– Led adoption of RESTful standards for new "Term IV" API, improving usability and predictability
- ReBootKamp* | Lead Instructor Aug 2018
Amman, Jordan
Tech: Hyperledger Sawtooth, Ethereum
- Bitwise IO* | Senior Software Engineer Jun 2016 – Aug 2018
Minneapolis, MN
Tech: JavaScript, Python, Rust, Clojure, Node, MongoDB, Docker
– Core maintainer and ambassador for Hyperledger, focusing on REST API design and developer education

Projects

- Taelmoor* | Designer, Mobile Developer taelmoor.com
Tech: TypeScript, Go, React Native, Expo, Express, SQL
- Hyperledger Grid* | Architect, Lead Engineer github.com/hyperledger/grid
Tech: Python, Rust, JavaScript

Education

- Hack Reactor* | Advanced Software Engineering Immersive Feb 2016
- Central Connecticut State University* | BFA in Acting Mar 2008